Attorney Docket No.: MP0347



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Chien et al.

Serial No.: 10/825,781

Filed: 4/16/2004

Art Unit: Examiner: Conf. No.:

Title : RECEIVER BASE-BAND OFFSET CALIBRATION SCHEME

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.56 and 1.97-98

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is a modified famt PTO-1449 listing documents for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of documents, or that inclusion of a document in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

- within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;
- before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;
- after three months from the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; or (2) an action that otherwise closes prosecution in the application, and:

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deobsit

Signature

Diane M. Dunning

Typed or Printed Name of Person Signing Certificate

Applicant : Chien Serial No. : 10/825,781 Filed : 4/16/2004 Attorney's Docket No.: MP0347

Page: 2

| | | attached hereto is the fee set forth under 37 CFR § 1.17(p) for submission |
|---------|---------|---|
| | _ | of this Information Disclosure Statement under 37 CFR § 1.97(c); OR |
| | | Applicant certifies pursuant to 37 CFR § 1.97(e) that: |
| | | each item of information contained in this Information Disclosure |
| | | Statement was first cited in a communication from a foreign patent |
| | | office in a counterpart foreign application not more than three |
| | | months prior to the filing of this Statement; OR |
| | | no item of information contained in this Information Disclosure |
| | | Statement was cited in a communication from a foreign patent |
| | | office in a counterpart foreign application and, to the knowledge of |
| | | the person signing this certification after making reasonable |
| | | inquiry, no item of information contained in this Statement was |
| | | known to any individual designated under 37 CFR § 1.56(c) more |
| | hafara | than three months prior to the filing of this Statement; |
| L | | the payment of the issue fee but after the mailing date of the first to occur er: (1) a final action under 37 CFR § 1.113; or (2) an action that otherwise |
| | | prosecution in the application, and: |
| | | Applicant certifies pursuant to 37 CFR. § 1.97(e) that: |
| | _ | each item of information contained in this Information Disclosure |
| | | Statement was cited in a communication from a foreign patent |
| | | office in a counterpart foreign application not more than three |
| | | months prior to the filing of this Statement; or |
| | | no item of information contained in this Information Disclosure |
| | | Statement was cited in a communication from a foreign patent |
| | | office in a counterpart foreign application and, to the knowledge of |
| | | the person signing this certification after making reasonable |
| | | inquiry, no item of information contained in this Statement was |
| | | known to any individual designated under 37 CFR § 1.56(c) more |
| | | than three months prior to the filing of this Statement; AND |
| | | attached hereto is the fee set forth under 37 CFR § 1.17 (p) for submission |
| | | of this Information Disclosure Statement under 37 CFR § 1.97(c); OR |
| | after t | the payment of the issue fee. Applicant requests that the information |
| | contain | ned in this Information Disclosure Statement be placed in the file according |
| | | CFR § 1.97(i), although the information may not be considered by the |
| | USPT | |
| | | ion relies, under 35 U.S.C. § 120, on the earlier filing date of prior |
| applica | ation N | o/, filed on, and the documents cited therein are |
| • | | aced, but are not required to be provided in this application under 37 CFR § |
| 1.98(d | • | C |
| | | information contained in this Information Disclosure Statement was cited in |
| | | tion from a foreign patent office in a counterpart application, and the |
| | | on was not received by any individual designated in 37 CFR § 1.56(c) more |
| | | ys prior to the filing of this Information Disclosure Statement. 37 CFR § |
| 1.704(| a). | |

Applicant: Chien Attorney's Docket No.: MP0347

Serial No.: 10/825,781

Filed : 4/16/2004 Page: 3

Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

Consideration of the listed documents and favorable action are respectfully requested.

Respectfully submitted,

Law Office of Richard A. Dunning, Jr.

343 Soquel Avenue, Suite 311

Santa Cruz, CA 95062

Telephone: 831.420.0561 Facsimile: 831.420.0566 Richard A. Dunning, Jr.

Attorney/Agent for Applicant(s)

Reg. No. 42502

pe a plus sign (+) inside this box

PTO/SB-08A (08-00)

Approved for use through 10/31/2002. OMB 0951-0031

| duction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control numbe |
|---|
| direction And of 4000 and a control of the angle of the control of the control of the direction of the AND and the control of |
| U.S. Fatent and Trademark Office, U.S. DEFARTMENT OF COLLECTION |
| U.S. Falent and Trademark Units, U.S. DEFARTMENT OF CO.L. |

| Substitute for form 1449B/PTO | | | | Complete if Known | | |
|--|---|----|---|------------------------|---------------------------|--|
| | | | | Appl. No. & Conf. No. | 10/825,781 | |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | Filing Date | 4/16/2004 Chien et al. | |
| | | | | First Named Inventor | | |
| | | | | Group Art Unit | | |
| | | | | Examiner Name | | |
| Sheet | 1 | of | 1 | Attorney Docket Number | MP0347 | |

| NON PATENT LITERATURE DOCUMENTS | | | | | | |
|---------------------------------|--------------|---|----------------|--|--|--|
| Examiner Initials* | Cite, No. | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² | | | |
| | Α | "802.16 IEEE Standard for Local and Metropolitan Area Networks; Part 16: Air Interface for Fixed Broadband Wireless Access Systems," 802.16 IEEE Standard for Local and Metropolitan Area Networks, October 1, 2004, pp. i-xxxiv and pp. 1-857, IEEE Std 802.16-2004, IEEE, United States | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| Examiner | | Date | | | | |
| | 1 | 1 | | | | |

| Examiner | Date | |
|-----------|------------|--|
| Signature | Considered | |

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.



 $\star \rightarrow \sqcap$

PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paper Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| TRANSMITTA | | Application Number Confirmation Number | | | | |
|--|--|---|--|------|--|--|
| FORM | | Filing Date | 4/16/2004 | | | |
| (to be used for all correspondence after | initial filing) | First Named Inventor | Chien | | | |
| | | Group Art Unit | | | | |
| | | Examiner Name | | | | |
| Total Number of Pages in This Sub | mission | Attorney Docket Numb | per MP0347 | | | |
| | ENCLOSURES | (check all that apply) | | | | |
| Fee Transmittal Form | Assignr (for an | ment Papers Application) | After Allowance Communication to Group | n | | |
| Fee Attached | ☐ Drawing | g(s) | Appeal Communication to Boar Appeals and Interferences | d of | | |
| Amendment / Reply | Licensi | ng-related Papers | Appeal Communication to Grou (Appeal Notice, Brief, Reply Brief) | ıp | | |
| After Final | Petition | | Proprietary Information | | | |
| Affidavits/declaration(s) | Petition to Convert to a Provisional Application | | Status Letter | | | |
| Extension of Time Request | Power of Change Address | of Attorney, Revocation of Correspondence | Other Enclosure(s) (please identify below): | | | |
| Express Abandonment Request | | al Disclaimer | Copy of Cited Document, Postcard | | | |
| Information Disclosure Statement | Reques | st for Refund | | | | |
| Certified Copy of Priority Document(s) | CD, Nu | mber of CD(s) | | | | |
| Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 | Remarks | | | | | |
| SIGNAT | URE OF APPLI | CANT, ATTORNEY, OR | AGENT | | | |
| Firm Richard A. Dunning Individual name | , Jr. | | | | | |
| Signature | 50 000 | | | | | |
| Date 1-15-05 | | | | | | |
| | CERTIFIC | ATE OF MAILING | | | | |
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: | | | | | | |
| Type or printed name Diane Dunning | | | | | | |
| Signature Plane Allennen Date 1-18-05 | | | | | | |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time your are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.